

# Notice of Allowability

Application No.

10/699,447

Examiner

Leslie J. Evanisko

Applicant(s)

BEAUCHAMP ET AL.

Art Unit

2854

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the interview on 12/21/2004.
2. ☒ The allowed claim(s) is/are 1,3-17,19-23 and 25-33.
3. ☒ The drawings filed on 31 October 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 20041221.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Todd Rathe (Reg. No. 38,276) on December 21, 2004.

The application has been amended as follows:

IN THE SPECIFICATION:

On page 3, line 16, the term "230" was deleted and replaced with --242-- to correct an obvious typographical error.

On page 8, line 11, the term --612-- was inserted after "channel" and the phrase " (channels are" was deleted.

On page 8, line 12, the phrase "shown in FIG. 4)" was deleted and the following phrase was inserted before "Each": --Channels 612 are in communication with a vacuum chamber 660 via passages 690.--.

On page 9, line 2, the term "meida" was deleted and replaced with --media--.

IN THE CLAIMS:

In claim 1, line 3, the term "and" was deleted.

In claim 1, line 6, the following phrase was inserted after “drum” and before the period:

--; and a heat source for heating the peripheral surface of the drum and the screen.--

Claim 2 has been canceled since the subject matter of claim 2 was incorporated into claim 1.

In claim 3, line 1, the term “2” was deleted and replaced with --1--.

In claim 14, line 3, the term “and” was deleted.

In claim 14, line 4, the period was deleted and replaced with the following language: --; and directing a stream of gas through the screen and towards the drum.--

In claim 17, line 2, the term “print” (both occurrences) was deleted.

Claim 18 has been canceled.

In claim 19, line 1, the term “media ejection” was deleted.

In claim 19, line 2, the phrase --through the screen and-- was inserted after “gas” and the phrase “and through the screen over the” was deleted.

In claim 19, line 3, the term “print drum” (first occurrence) was deleted, the term “the” (second occurrence) was deleted and replaced with --an--, and the term “print” (second occurrence) was deleted.

In claim 20, line 3, the term “and” was deleted.

In claim 20, line 4, the period was deleted and replaced with the following language: --; and means for heating the drum and screen.--

Art Unit: 2854

In claim 22, line 2, the term "print" was deleted.

In claim 23, line 2, the term "print" was deleted.

In claim 23, line 3, the term "print" was deleted.

Claim 24 has been canceled since the subject matter of claim 24 has been incorporated into claim 20.

In claim 25, line 2, the term "print" was deleted.

In claim 25, line 3, the term "print" was deleted.

In claim 25, line 4, the term "print" was deleted.

In claim 25, line 5, the term "openings" was deleted and replaced with --passageways-- and the term "print" was deleted.

In claim 27, line 1, the phrase "wherein media is" was deleted and replaced with --including a vacuum source configured to-- and the term "held" was deleted and replaced with --hold media--.

In claim 28, line 1, the phrase --the conduit is configured such that-- was inserted after "wherein".

In claim 29, line 1, the term "paper" was deleted and replaced with --media--.

In claim 29, line 2, the term "the" (first occurrence) was deleted and replaced with --a-- and the term --being-- was inserted after "ink".

In claim 32, line 1, the phrase --of claim 26-- was inserted after "apparatus" and the term "passageways" was deleted and replaced with --at least one passageway--.

In claim 32, line 2, the term "the" was deleted.

In claim 33, line 2, the phrase ", the peripheral surface having a" was deleted and replaced with a semicolon --;--.

In claim 33, line 3, the phrase "channel formed therein; and" was deleted and replaced with --a screen over the peripheral surface of the print drum; and--.

In claim 33, lines 4-5 were deleted in their entirety and replaced with the following text: --a conduit external to the print drum and positioned near the screen to direct a stream of gas through the screen and towards the print drum.--

Claim 34 has been canceled.

The above changes to the claims were made to clear up various claim informalities and to better distinguish the claims from the teachings of the prior art. In particular, independent claims 1 and 20 were amended to include subject matter from claims 2 and 24 respectively, claims 2 and 24 indicated as containing allowable subject matter in the Office Action dated October 15, 2004. Additionally, independent claims 14 and 33 were amended to include language similar to that in allowable claim 26 with respect to the direction of a stream of gas through the screen and towards the drum. Note, in particular, the previous reasons for allowance in the Office Action dated October 15, 2004.

Art Unit: 2854

Other claim changes were primarily to correct the various claim informalities set forth in the previous Office Action and the cancellation of claims 2, 18, 24, and 34 was at the request of applicant.

2. The following is an examiner's statement of reasons for allowance:

With respect to claims 1, 20 and 26, note the previous comments on pages 7 and 8 of the Office Action dated October 15, 2004.

With respect to claims 14 and 33 in particular, the prior art of record fails to teach or fairly suggest a printing apparatus or method having all of the structure (or method steps) as recited, in combination with and particularly including, directing a stream of gas through the screen and towards the drum. Again, note that these claims require the gas being blown travels from the exterior of the drum towards the interior of the drum since the claim recites that the gas is blown through the screen and toward the drum.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

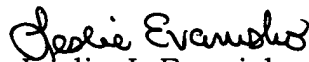
3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Leslie J. Evanisko** whose telephone

Art Unit: 2854

number is **(571) 272-2161**. The examiner can normally be reached on M-Th 7:30 am-6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew H. Hirshfeld can be reached on (571) 272-2168. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Leslie J. Evanisko  
Primary Examiner  
Art Unit 2854

lje  
December 21, 2004